
Sequence Listing was accepted.

If you need help call the Patent Electronic Business Center at (866)

217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: [year=2009; month=9; day=3; hr=13; min=58; sec=46; ms=742;]

Validated By CRFValidator v 1.0.3

Application No: 10586310 Version No: 1.0

Input Set:

Output Set:

Started: 2009-08-21 13:39:35.882

Finished: 2009-08-21 13:40:04.438

Elapsed: 0 hr(s) 0 min(s) 28 sec(s) 556 ms

Total Warnings: 46

Total Errors: 0

No. of SeqIDs Defined: 52

Actual SeqID Count: 52

Err	or code	Error Description
W	402	Undefined organism found in <213> in SEQ ID (1)
W	402	Undefined organism found in <213> in SEQ ID (2)
W	402	Undefined organism found in <213> in SEQ ID (5)
W	402	Undefined organism found in <213> in SEQ ID (6)
W	402	Undefined organism found in <213> in SEQ ID (7)
W	402	Undefined organism found in <213> in SEQ ID (8)
W	402	Undefined organism found in <213> in SEQ ID (9)
W	402	Undefined organism found in <213> in SEQ ID (10)
W	402	Undefined organism found in <213> in SEQ ID (11)
W	402	Undefined organism found in <213> in SEQ ID (12)
W	402	Undefined organism found in <213> in SEQ ID (13)
W	213	Artificial or Unknown found in <213> in SEQ ID (14)
W	213	Artificial or Unknown found in <213> in SEQ ID (15)
W	213	Artificial or Unknown found in <213> in SEQ ID (16)
W	213	Artificial or Unknown found in <213> in SEQ ID (17)
W	213	Artificial or Unknown found in <213> in SEQ ID (18)
W	213	Artificial or Unknown found in <213> in SEQ ID (19)
W	213	Artificial or Unknown found in <213> in SEQ ID (20)
W	213	Artificial or Unknown found in <213> in SEQ ID (21)
W	213	Artificial or Unknown found in <213> in SEQ ID (22)

Input Set:

Output Set:

Started: 2009-08-21 13:39:35.882

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Total Warnings: 46

Total Errors: 0

No. of SeqIDs Defined: 52

Actual SeqID Count: 52

Error code		Error Description
W	213	Artificial or Unknown found in <213> in SEQ ID (23)
W	213	Artificial or Unknown found in <213> in SEQ ID (24)
W	213	Artificial or Unknown found in <213> in SEQ ID (25)
M	213	Artificial or Unknown found in <213> in SEQ ID (26)
M	213	Artificial or Unknown found in <213> in SEQ ID (27)
W	213	Artificial or Unknown found in <213> in SEQ ID (28)
W	213	Artificial or Unknown found in <213> in SEQ ID (29)
W	213	Artificial or Unknown found in <213> in SEQ ID (30)
W	213	Artificial or Unknown found in <213> in SEQ ID (31)
W	213	Artificial or Unknown found in <213> in SEQ ID (32)
W	213	Artificial or Unknown found in <213> in SEQ ID (33) This error has occured more than 20 times, will not be displayed

SEQUENCE LISTING

<11()> G.	ARCIZ	A-CA]	LVO,	MAR	IA MZ	ARGAI	RITA								
<120)> N	PC1L	1 (NI	PC3)	AND	MET	HODS	OF 3	IDENT	rify:	ING I	LIGAl	NDS :	THERI	EOF	
<130)> 0	5989:	3-012	21												
<140)>	1058	6310													
<141	L>	2009-	-08-2	21												
		CT/U			9											
<151	L> 2	005-0	01-14	4												
		0/53	•													
<151	L> 2	004-0	01-1	6												
<160)> 5	2														
<170)> P	atent	tIn v	vers	ion 3	3.5										
<210)> 1															
<211	L> 3	996														
<212	2> D	NA														
<213	3> R	attu:	s sp	•												
<220)>															
<221	L> C	DS														
<222	2> (1)	(399	6)												
<400)> 1															
atg	gca	gct	gcc	tgg	ctg	gga	tgg	ctg	ctc	tgg	gcc	ctg	ctc	ctg	agc	48
Met	Ala	Ala	Ala	Trp	Leu	Gly	Trp	Leu	Leu	Trp	Ala	Leu	Leu	Leu	Ser	
1				5					10					15		
gcg	gcc	cag	ggt	gag	cta	tac	aca	CCC	aaa	cac	gaa	gct	ggg	gtc	tgc	96
Ala	Ala	Gln	_	Glu	Leu	Tyr	Thr		Lys	His	Glu	Ala	_	Val	CAa	
			20					25					30			
acc	ttt	tac	qaa	qaq	tqc	aaa	aaa	aac	cca	qaq	ctc	tct	qqa	aac	ctc	144
		Tyr														
		35					40					45				
acg	tca	cta	tcc	aat	gta	tcc	tgc	ctg	tct	aac	acc	ccg	gcc	cgc	cac	192
Thr	Ser	Leu	Ser	Asn	Val	Ser	CAa	Leu	Ser	Asn	Thr	Pro	Ala	Arg	His	
	50					55					60					
gtc	acg	ggt	gaa	cac	ctg	gct	ctt	ctc	cag	cgc	atc	tgt	ccc	cgc	ctg	240
Val	Thr	Gly	Glu	His	Leu	Ala	Leu	Leu	Gln	Arg	Ile	Cys	Pro	Arg	Leu	
65					70					75					80	
tac	aac	ggc	ada	aat	acc	act	ttt	acc	tat	tac	tct	acc	aad	сас	cta	288
		Gly														200
_		_		85					90	-			-	95		

_			_		_	atg Met									_	336
						aat Asn										384
						ctc Leu 135										432
						cct Pro										480
						aag Lys										528
						ttg Leu										576
		_		_		gct Ala	_								_	624
						ccg Pro 215										672
						gat Asp										720
_ ()		_				cag Gln			Ī			_				768
						tgc Cys										816
					_	ggt Gly	_	_				_				864
						ttt Phe 295										912
						agg Arg										960
gaa	gcc	CCC	aaa	ctc	cct	cat	aag	cac	aaa	ctc	tca	CCC	cat	acc	atc	1008

Glu	Ala	Pro	Lys	Leu 325	Pro	His	Lys	His	Lys	Leu	Ser	Pro	His	Thr 335	Ile	
	ggc Gly															1056
	acc Thr			_	_							_		_ (1104
	ctg Leu 370				_				_			$\overline{}$	_			1152
_	ccc Pro	_	_	_	_				_				_			1200
	ggc Gly				_			_					_			1248
	tcc Ser			_		Ā			_				_			1296
	Gly				_	_		_	_							1344
	agg Arg 450															1392
	tcc Ser			_		_		_								1440
	ctc Leu															1488
	cgc Arg			_	_		_	_		_					Ī	1536
	tcc Ser															1584
	ctc Leu 530				_						_	_	_		_	1632
_	tac Tyr		_		_						_					1680

545 550 555 560

														tct Ser 575	1728
				_	_	_		_	_	_			_	ctc Leu	 1776
														aca Thr	1824
_	_		_	_						_		_		gat Asp	1872
														agc Ser	1920
														tcc Ser 655	1968
														ggt Gly	2016
		_		_		_	_				_			tac Tyr	2064
	_		Val	Pro		Ser	Leu	_					_	cct Pro	2112
														ctt Leu	2160
														cac His 735	2208
			_		_		_				_		Ā	agc Ser	2256
		_		_						_			_	cca Pro	2304
				_	_					_				gac Asp	2352

											gat Asp			2400
											tca Ser			2448
											cgc Arg 830			2496
											cgc Arg			2544
		_		_		_			_		tac Tyr			2592
											ccc Pro			2640
_		_	_					_		_	ctt Leu	_		2688
					_			_			ttc Phe 910		_	2736
											aag Lys			2784
					_						gac Asp			2832
		_	_	_				_	_	_	atc Ile	_		2880
_		_			_	_	_				ggc Gly			2928
	_					_	_				tgc Cys 990			2976
		atg Met 995	_		_		Pro			_	r Al		aa cag Lu Gln	3024

						tgg Trp 1015		_							3069
						cta Leu 1030									3114
_						gtt Val 1045									3159
						tca Ser 1060									3204
						gcc Ala 1075									3249
				Ī		aac Asn 1090			_				_		3294
						caa Gln 1105		_							3339
						tgc Cys 1120								_	3384
					_	gac Asp 1135	_	_						cta Leu	3429
						ctc Leu 1150		_						gct Ala	3474
						aat Asn 1165		_							3519
	_			_		gtg Val 1180								cgg Arg	3564
tcc	ttt	gct	gta	agc	acc	aag	cct	acc	cgg	ctg	gag	agg	g		